

## **Abstract**

The present invention relates to an improved process for extract purification of sugar beet raw juice, especially for reduction of lime consumption during the purification of sugar beet raw juice, to a process for producing a nutrient-rich non-sucrose concentrate from sugar beet raw juice, to the non-sucrose substance concentrate thus produced, to uses of the non-sucrose substance concentrate and to an apparatus for preliming sugar beet raw juice and/or for obtaining the non-sucrose substance concentrate.